

App. No. 10/088243
Office Action Dated April 8, 2004
Amd. Dated September 8, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claim 20 is canceled without prejudice or disclaimer.

Claims 1 and 17-19 are amended.

Listing of Claims:

1. (Currently Amended) A laser apparatus (1, 101) for use in treatment of skin or mucosa of an animal, including a human being, comprising

a laser light emitting optical system for emitting laser light to a surface, said surface being skin or mucosa, the laser light emitting system comprising a laser diode (2, 102) emitting a laser beam and a collimating lens (3, 103), said collimating lens (3, 103) being arranged in the laser light beam path,

a power stabilising system for stabilising the laser light power within a predetermined power interval,

a light wave guide cable (10, 110) arranged in the laser light beam path for directing laser light to the surface, and

a deflection system (8, 108) for deflecting light reflected from the surface away from the power stabilising system,

wherein said collimating lens is arranged between the laser diode and the deflection system.

2. (Previously Presented) The apparatus according to claim 1, wherein the laser light emitting optical system comprises a laser diode (2, 102) emitting light within 600 – 1000 nm.

App. No. 10/088243
Office Action Dated April 8, 2004
Amd. Dated September 8, 2004

3. (Previously Presented) The apparatus according to claim 1, wherein the laser light emitting optical system comprises a diaphragm (4, 104) with an aperture located between the laser light emitter and the collimating lens (3, 103) in the beam path.
4. (Previously Presented) The apparatus according to claim 1, wherein the power stabilizing system comprises absorbing means (7, 107) for absorbing light emitted from the laser light emitting system.
5. (Previously Presented) The apparatus according to claim 4, wherein the absorbing means (7, 107) is a photo diode, preferably a silicon photo diode.
6. (Previously Presented) The apparatus according to claim 1, wherein the deflection system comprises a transmission/reflection mirror (8) provided obliquely to the optical axis.
7. (Previously Presented) The apparatus according to claim 6, wherein at least 90 % of the light emitted is transmitted through the mirror (8).
8. (Previously Presented) The apparatus according to claim 6, wherein at most 5% of the light is reflected, preferably at most 2% is reflected.
9. (Previously Presented) The apparatus according to claim 1, wherein the deflection system comprises an optical isolator (108).
10. (Previously Presented) The apparatus according to claim 9, wherein the optical isolator (108) is a couple prism system with phase retarder.

App. No. 10/088243
Office Action Dated April 8, 2004
Amnd. Dated September 8, 2004

11. (Previously Presented) The apparatus according to claim 1, further comprising a guide light (14, 114) emitting optical system for emitting light to the surface to be treated.
12. (Previously Presented) The apparatus according to claim 11, wherein the wave length of the guide light is lower than the wave length of the laser light emitting system.
13. (Previously Presented) The apparatus according to claim 11, wherein the transmission/reflection mirror (8) or the optical isolator (108) is arranged for directing the guide light.
14. (Previously Presented) The apparatus according to claim 1, wherein the power stabilizing system and the deflection system (8, 108) is arranged adjacent in a housing (6, 106).
15. (Previously Presented) The apparatus according to claim 14, wherein the housing further comprises a guide light emitting optical system.
16. (Previously Presented) The apparatus according to claim 1, wherein the light wave guide cable is a quartz glass rod.
17. (Currently Amended) A method for treating ~~an animal, including a human being,~~
for a laser light treatable disease, in an animal, including a human being comprising:
 - arranging a laser apparatus as defined in claim 1 in contact with the skin or the mucosa of the animal, ~~[[and]]~~
 - allowing laser light to be emitted from the laser light emitting optical system to the skin or mucosa~~[[.]]~~,

App. No. 10/088243
Office Action Dated April 8, 2004
Amd. Dated September 8, 2004

thereby treating the disease

18. (Currently Amended) The method according to claim 17, ~~for treating wherein the~~
disease is muscle damages.

19. (Currently Amended) The method according to claim 17, ~~for treating wherein the~~
disease is ulcers. disorder

20. (Cancelled)

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.